

# BIRCH, STEWART, KOLASCH & BIRCH, LLP

PLEASE NOTE:  
YOU MUST  
COMPLETE THE  
FOLLOWING:

## COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

ATTORNEY DOCKET NO.  
**1248-544P**

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Insert Title:

**TRANSMISSION METHOD AND TRANSMISSION SYSTEM AS WELL AS  
COMMUNICATIONS DEVICE**

Fill in Appropriate  
Information -  
For Use Without  
Specification  
Attached:

the specification of which is attached hereto. If not attached hereto,

the specification was filed on \_\_\_\_\_ as  
United States Application Number \_\_\_\_\_; and /or

the specification was filed on \_\_\_\_\_ as PCT  
International Application Number \_\_\_\_\_; and was  
amended under PCT Article 19 on \_\_\_\_\_ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Insert Priority  
Information:  
(if appropriate)

Prior Foreign Application(s)

|                         |                    |   |
|-------------------------|--------------------|---|
| 2000-182391<br>(Number) | Japan<br>(Country) | Jun. 19, 2000<br>(Month/Day/Year Filed) |
| 2001-128312<br>(Number) | Japan<br>(Country) | Apr. 25, 2001<br>(Month/Day/Year Filed) |
| _____<br>(Number)       | _____<br>(Country) | _____<br>(Month/Day/Year Filed)         |
| _____<br>(Number)       | _____<br>(Country) | _____<br>(Month/Day/Year Filed)         |
| _____<br>(Number)       | _____<br>(Country) | _____<br>(Month/Day/Year Filed)         |

Priority Claimed

|   |                             |
|---|-----------------------------|
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| <input type="checkbox"/> Yes            | <input type="checkbox"/> No |
| <input type="checkbox"/> Yes            | <input type="checkbox"/> No |
| <input type="checkbox"/> Yes            | <input type="checkbox"/> No |

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

Insert Provisional  
Application(s):  
(if any)

|                      |               |
|----------------------|---------------|
| (Application Number) | (Filing Date) |
| (Application Number) | (Filing Date) |

All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More Than 12 Months (6 Months for Designs) Prior To The Filing Date of This Application:

Insert Requested  
Information:  
(if appropriate)

| Country | Application No. | Date of Filing (Month/Day/Year) |
|---------|-----------------|---------------------------------|
| _____   | _____           | _____                           |
| _____   | _____           | _____                           |

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Insert Prior U.S.  
Application(s):  
(if any)

|                      |               |   |
|----------------------|---------------|---|
| (Application Number) | (Filing Date) | (Status - patented, pending, abandoned) |
| (Application Number) | (Filing Date) | (Status - patented, pending, abandoned) |

|                     |                   |
|---------------------|-------------------|
| Terrell C. Birch    | (Reg. No. 19,382) |
| Joseph A. Kolasch   | (Reg. No. 22,463) |
| Bernard L. Sweeney  | (Reg. No. 24,448) |
| Charles Gorenstein  | (Reg. No. 29,271) |
| Leonard R. Svensson | (Reg. No. 30,330) |
| Andrew D. Meikle    | (Reg. No. 32,868) |
| Joe McKinney Muncy  | (Reg. No. 32,334) |
| C. Joseph Faraci    | (Reg. No. 32,350) |

|                       |                   |
|-----------------------|-------------------|
| Raymond C. Stewart    | (Reg. No. 21,066) |
| James M. Slattery     | (Reg. No. 28,380) |
| Michael K. Mutter     | (Reg. No. 29,680) |
| Gerald M. Murphy, Jr. | (Reg. No. 28,977) |
| Terry L. Clark        | (Reg. No. 32,644) |
| Marc S. Weiner        | (Reg. No. 32,181) |
| Donald J. Daley       | (Reg. No. 34,313) |

**BIRCH, STEWART, KOLASCH & BIRCH, LLP**

**Telephone: (703) 205-8000 • Facsimile: (703) 205-8050**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

|            |             |                      |              |
|------------|-------------|----------------------|--------------|
| GIVEN NAME | FAMILY NAME | INVENTOR'S SIGNATURE | DATE*        |
| Koji       | SAKAI       | Koji Sakai           | May 15, 2001 |

|                                   |             |
|-----------------------------------|-------------|
| Residence (City, State & Country) | CITIZENSHIP |
| Osaka-shi Osaka Japan             | Japanese    |

POST OFFICE ADDRESS (Complete Street Address including City, State & Country)

5-8-12, Daido Tennoji-ku Osaka-shi Osaka 543-0052 Japan

|            |             |                      |              |
|------------|-------------|----------------------|--------------|
| GIVEN NAME | FAMILY NAME | INVENTOR'S SIGNATURE | DATE*        |
| Yuji       | ICHIKAWA    | <i>Yuji Ichikawa</i> | May 15, 2001 |

|                                   |                      |             |          |
|-----------------------------------|----------------------|-------------|----------|
| Residence (City, State & Country) | Tenri-shi Nara Japan | CITIZENSHIP | Japanese |
|-----------------------------------|----------------------|-------------|----------|

POST OFFICE ADDRESS (Complete Street Address including City, State & Country)  
81-2-S107, Sanmaiden-cho Tenri-shi Nara 632-0046 Japan

|            |             |                      |              |
|------------|-------------|----------------------|--------------|
| GIVEN NAME | FAMILY NAME | INVENTOR'S SIGNATURE | DATE*        |
| Masafumi   | TAKAHASHI   | Masafumi Takahashi   | May 15, 2001 |

|                                   |             |
|-----------------------------------|-------------|
| Residence (City, State & Country) | CITIZENSHIP |
| Tenri-shi Nara Japan              | Japanese    |

POST OFFICE ADDRESS (Complete Street Address including City, State & Country)  
2613-1, Ichinomoto-cho Tenri-shi Nara 632-0004 Japan

|            |             |                      |              |
|------------|-------------|----------------------|--------------|
| GIVEN NAME | FAMILY NAME | INVENTOR'S SIGNATURE | DATE*        |
| Hitoshi    | NAOE        | Hitoshi Naoe         | May 15, 2001 |

|                                   |             |
|-----------------------------------|-------------|
| RESIDENCE                         | CITIZENSHIP |
| Residence (City, State & Country) |             |
| Kitakatsuragi-gun Nara Japan      | Japanese    |

POST OFFICE ADDRESS (Complete Street Address including City, State & Country)  
1-1-1-508, Seiwadai Kawai-cho Kitakatsuragi-gun Nara 636-0081 Japan

|            |             |                      |       |
|------------|-------------|----------------------|-------|
| GIVEN NAME | FAMILY NAME | INVENTOR'S SIGNATURE | DATE* |
|------------|-------------|----------------------|-------|

|                                   |             |
|-----------------------------------|-------------|
| Residence (City, State & Country) | CITIZENSHIP |
|-----------------------------------|-------------|

POST OFFICE ADDRESS (Complete Street Address including City, State & Country)